

ABSTRACT

A polymer consisting mainly of structural units represented by the general formula (1), wherein the total molar amount of terminal aldehyde groups and acetal groups is 0.6 mol% or smaller based on the total molar amount of the structural units represented by the general formula (1). $-[-(\text{CH}_R_1)_n-\text{CX}_1\text{R}_2-\text{CX}_2\text{R}_3-]$ (1) (In the formula, n is an integer of 2 to 10; X₁ and X₂ each represents -H, -OH, or a functional group capable of being converted into -OH, provided that at least one of X₁ and X₂ is hydroxy or a functional group capable of being converted into hydroxy; and R₁, R₂, and R₃ each represents -H or C₁₋₅ alkyl, aryl, aralkyl, or heteroaryl and the two or more R₁'s may be different.)